

KOTLYAKOV, V.M.

Soviet glaciologists' conference devoted to the results of the
International Geophysical Year. Izv.AN SSSR.Ser.geog. no.3:140-
143 My-Je '61. (MIRA 14:5)
(International Geophysical Year, 1957-1958)

DUMITRASHKO, N.V.; KOTLYAKOV, V.M.

Letters to the editor. Izv. AN SSSR. Ser. geog. no.2:134-135
Mr-Apr '61. (MIRA 14:3)
(Floods) (Antarctic regions—Snow)

The snow cover in Antarctica ...

S/169/62/000/008/059/090
E202/E192

the classification of the Antarctic snow and the features used in the isolation of the annual and seasonal layers. Chapter five explains the peculiarities of the snow cover in the various regions of the ice cap. Chapter six discusses the balance of the glacial cover of Antarctica, the evolution and progressive tendency of the Antarctic ice cap.

The bibliography contains 413 references. The book has subject, author and geographical names indices.

[Abstractor's note: Complete translation.]

Card 2/2

S/169/62/000/008/059/090
E202/E192

AUTHOR: Kotlyakov, V.M.

TITLE: The snow cover in Antarctica and its role in the
contemporary glaciation of the land. no.7. Glaciology.
Chapter IX of the IGY Programme

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 72,
abstract 8 V 339 K. (M., AN.SSSR, 1961, 246 pages,
ill., free copy).

TEXT: The work summarises the studies of the snow cover of
Antarctica during the 2nd Antarctic Expedition, and also of the
contemporary studies of the snow cover in this region. It is
divided into six chapters. In the first chapter the climatic and
meteorological factors leading to the formation of the snow cover
are discussed. In the second chapter the process of snow cover
formation is dealt with. The third chapter characterises the
development of the snow firn strata and the processes occurring
within them. In the fourth chapter are quoted data concerning
the physico-mechanical properties of the snow cover together with
Card 1/2

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KOTLYAKOV, V. M. Cand Geog Sci -- " ~~The~~ snow cover of the Antarctic ~~continent~~
and its role in the present-day glaciation of the mainland." Mos, 1961 (Acad
Sci USSR. Inst of Permafrost Studies im V. A. Obruchev). (KL, 4-61, 188)

KOTLYAKOV, V.M., mladshiy nauchnyy sotrudnik; KUZNETSOV, M.A., mladshiy
nauchnyy sotrudnik

Results of the study of crystalline precipitation forms in the Mirnyy
region. Inform. biul. Sov. antark. eksp. no.24:21-25 '60.
(MIRA 14:5)

1. Vtoraya kontinental'naya ekspeditsiya.
(Ice crystals)

KOTLYAKOV, V.M., mladshiy nauchnyy sotrudnik

Structure of seasonal layers in coastal regions of Antarctica as
related to the conditions of their deposition. Inform. biul.
Sov. antark. eksp. no.21:19-22 '60. (MIRA 13:10)

1. Institut geografii AN.
(Antarctic regions--Snow)

KOTLYAKOV, V.M., mladshiy nauchnyy sotrudnik

: Hardness and density of surface layers of the snow cover in the
: coastal zone of Antarctica. Inform. biul. Sov. antark. eksp. no.20:
18-21 '60. (MIRA 13:9)

1. Institut geografii AN.
(Mirnyy region, Antarctica---Snow---Density)

Conditions of snow-cover...

S/169/61/000/009/015/056
D228/D304

snow on islands near the mainland. The wind is the chief factor in the formation of the snow-surface's microrelief. Two periods are distinguished in the snow-cover's formation: the cyclonic period, giving material for deposition, and the period accompanied by local snowstorms which rework this material. The snow-cover forms arising as a result of wind action are divided into freely-accumulative forms; obligatorily-accumulative forms, developed around objects and irregularities projecting above the surface, and erosional forms. The main types of surface formed during the snow-cover's continuous development are described. An analysis of the structure of the snow-cover in holes in the coastal belt is given--on the basis of which three main layer-groups are distinguished together with their detailed characteristics: layers of fresh snow, summer layers, and winter layers. There is bibliography with 3 references. [Abstracter's note: Complete translation.] ✓

Card 3/3

S/169/61/000/009/015/056
D228/D304

Conditions of snow-cover...

snow-gage observations along laths in 2 stationary snow-measurement areas (No. 1 near Mirnyy and No. 2 at a radial profile of 6 km), and snow-surveys along profiles were undertaken in order to study the snow-cover's formation. The coastal belt is a place of increased snow-mass accumulation as a result of the intensified cyclonic activity and the considerable development of effluent winds. The bulk of the snow is deposited during 8 - 9 months of the year. During the year the course of snow accumulation is irregular: maximum accumulation occurs in autumn (April - May) and spring (September). The redistribution of snow-masses from the belt of the greatest development of effluent winds (225 - 280 km from the coast) takes place nearer the coast. An ancient firn emerges at the surface in the area of the axis of the belt of effluent winds. In the coastal belt the thickness of the snow-cover deposited during the year reaches 1.5 - 2.5 m. The character of the solid precipitation is connected with the air temperature and wind velocity. Crystals of a lamellar type fall in the early autumn and late spring periods in the coastal zone. Acicular crystals prevail throughout the year inland and in the coastal belt in winter. Increasing precipitation has a large role in the accumulation of

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Card 2/3

S/169/61/000/009/015/056
D228/D304

AUTHOR: Kotlyakov, V. M.

TITLE: Conditions of snow-cover accumulation in the coastal
belt of Eastern Antarctica

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 54,
abstract 9V438 (Sov. antarkt. ekspeditsiya 10, L.,
Morsk. transport, 1960, 159-174)

TEXT: The authors consider the coastal belt to be one with a width of
about 50 km. The occurrence of 3 zones of ice-formation is noted in this
territory: (1) The infiltration-congelation zone occupies a 1 - 1.2 km
strip along the coast; (2) the cold infiltration zone (subdivided into
lower, middle and upper parts) stretches inland for 10 - 13 km to the
area of the shelf glaciers; (3) the infiltration-recrystallization zone
extends for up to 100 km from the coast. The snow-line passes at sea-
level. Crystallographic investigations of solid precipitation at the
time of snowfalls and snowstorms, drift-measurement observations and

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S/169/61/000/008/015/053
A006/A101

Measuring the arrival of ice cover ...

water. In the run-off wind zones and in the highest regions of the continent, the yearly accumulation does not exceed 50 mm. The surface of the continent is covered with a system of sastrugi and drifts, caused by the dominating winds. In the run-off wind girdle the height of sastrugi attains up to 150cm. In the depth of the Antarctic the snow is looser on account of the height, low temperature and low intensity of the wind and its volumetric weight is lesser than in the coastal regions. Noticeable melting of snow during the summer occurs approximately up to 1,000 m altitude, independent of the distance from the sea coast. During the winter evaporation is low. The operational space of the Soviet expedition is the most snow-covered among all the coastal regions, but the accumulation varies sharply from year to year. The thickness of the snow-firm layer increases toward the depth of the continent to 120 m at Pionerskaya and 164 m at the Pole of relative inaccessibility. The disproportion of alimention of the coastal and inner regions is compensated at the expense of the slow ice movement in the central regions, where the ice age is very old (beginning of the glacial period). In Shumskiy's opinion the Antarctic cover exists on account of precipitations over its periphery, and its center plays merely the part of a powerful frost source transforming the oceanic moisture. There are 31 references. ✓

[Abstracter's note: Complete translation]

Z. Kanevskiy

Card 2/2

S/169/61/000/008/015/053
A006/A101

AUTHOR: Kotlyakov, V. M.

TITLE: Measuring the arrival of ice cover masses of the Antarctic (Data from processing the latest Soviet and foreign materials of glaciological studies)

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 8, 1961, 71, abstract 8V535 (V sb. "Glyatsiol. issled. no. 5", Moscow, AN SSSR, 1960, 7-26, English summary)

TEXT: An analysis is made on the basis of data from a series of foreign and Soviet investigations from 1949 to 1958. The observations were carried out both with poles and in snow holes. The relative and absolute age of the snow-firm layer was determined. Rain precipitations do almost not affect the formation of the Antarctic cover. In the coastal zone cyclones transporting the snow play the main part. The wind transportation of snow from central regions is considerable in various areas. In the depth of the continent hoarfrost on the snow surface are the basic precipitations. The highest amount of snow accumulated annually is noted in the coastal regions and varies from 300 to 500 mm of

Card 1/2

KOTLYAKOV, V.M.

Natural characteristics of the Pionerskaya Station region
as the southern periphery of the catabatic winds of Antarctica.
Izv.AN SSSR.Ser.geog. no.4:63-72 J1-Ag '60.

(MIRA 13:7)

(Pionerskaya Station(Antartica)--Meterology)

KOTLYAKOV, V.M.; KUZNETSOV, M.A.; AVSTUK, G.A., otv.red.; OBANOVSKIY,
P.N., red.

[Second Antarctic Continental Expedition; snow cover] Vtoraya
Kontinental'naya Antarkticheskaya ekspeditsiya; snezhnyi pokrov.
Moskva. (Materialy glatsiologicheskikh issledovaniy). No.2.
[Field studies along the littoral strip, on Shackleton shelf
ice and on Drigal'skiy Island] Polevye issledovaniya v beregovoi
polose, na shel'fovom lednike Shekltona i na ostrove Drigal'skogo.
1960. 172 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut geografii.
(Antarctic regions--Snow)

KOTLYAKOV, V.M.; KUZNETSOV, M.A.; AVSTUK, G.A., otv.red.; OBANOVSKIY,
P.N., red.

[Second Antarctic Continental Expedition; snow cover] Vtoraia
Kontinental'naiia Antarkticheskaiia ekspeditsiia; snezhnyi pokrov.
Moskva. (Materialy gliatsiologicheskikh issledovani). No.1.
[Station observations near Mirny] Statsionarnye issledovaniia
v raione Mirnogo. 1960. 167 p.

(MIRA 14:3)

1. Akademiya nauk SSSR. Institut geografii.
(Antarctic regions--Snow)

KOTLYAKOV, V.M.; KUZNETSOV, M.A.; MAKAROV, N.M.; AVSYUK, G.A., otv.red.;
~~OGANOVSKIY, P.N., red.~~

[Second Antarctic Continental Expedition; snow cover] Vtoraya
Kontinental'naya Antarkticheskaya ekspeditsiya; snezhnyi pokrov.
Moskva. (Materialy gliatsiologicheskikh issledovaniy). No.3.
[Laboratory studies in Mirnyy; station observations at Pionerskaya]
Laboratornye issledovaniya v Mirnom; statsionarnye issledovaniya
na Pionerskoi. 1960. 150 p.

(MIRA 14:3)

1. Akademiya nauk SSSR. Institut geografii.
(Antarctic regions---Snow)

SHUMSKIY, P.A.; KARTASHOV, S.N.; KOTLYAKOV, V.M.; AVSYUK, G.A., otv.red.;
OGANOVSKIY, P.N., red.

[Second Antarctic Continental Expedition; snow cover] Vtoraya
Kontinental'naya Antarkticheskaya ekspeditsiya; snezhnyi pokrov.
Moskva. (Materialy glatsiologicheskikh issledovaniy). No.4.
[Field investigations in the zone of katabatic winds at the
Vostok-I and Komsomolskaya Stations] Marshrutnye issledovaniya
v zone stokovykh vetrov, na st.Vostok-I i na st. Komsomol'skaya.
1960. 123 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut geografii.
(Antarctic regions--Snow)

KOTLYAKOV, V.M., mladshiy nauchnyy sotrudnik

Accumulation of the snow cover in a 50 kilometer wide
coastal zone of Antarctica. Inform.biul.Sov.antark.eksp.
no.13:5-8 '59. (MIRA 13:8)

1. Institut geografii Akademii nauk.
(Antarctic regions--Snow surveys)

KOTLYAKOV, V.M., mladshiy nauchnyy sotrudnik

Marked differentiation of snow accumulation in the coastal regions
of Antarctica. Inform. biul. Sov. antark. eksp. no.9:13-16 '59
(MIRA 13:3)

1. Institut geografii Akademii nauk SSSR,
(Mirnyy region--Snow)

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Card 5/5

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SOV 10-59-4-25/28

TITLES:

TITLE:

Izvestiya Akademii nauk SSSR, Seriya geograicheskaya, 1959, Nr. 4, pp 152-154 (USSR)

The article covers the Sixth Conference of Young Scientific Workers of the Institute of Geography USSR which took place in mid-May at Vyshegrad. Reports were read by the following scientists: S. I. Glushko reported on "Some scientific problems in the distribution of atmospheric pressure"; V. A. Golovakov and S. I. Yatskovskiy commented on the structural features of the atmosphere; and the research on the interaction between the atmosphere and hydrosphere was discussed. The latest technical developments in the study of trans-strait winds were also presented.

(USSR)

[illegible][illegible]

Ural wood-anth-gsteppe area into single relief types;

30V/10-59-4-1/29
Special Features of the Structure of the Upper Part of the Ice
Sheet in Central Antarctica

The névé age - on the borderline of its conversion into ice - is 800 - 1,000 years. Taking into account that the ice movements in Central Antarctica are negligible, the ice sheet is more than one million years old, i.e., it came into existence at the dawn of the glacial epoch. There are 5 graphs, 6 tables, and 13 references, 9 of which are Soviet, 2 English, 1 French and 1 German.

ASSOCIATION: Institut geografii AN SSSR (Institute of Geography of the AS USSR).

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SOV/10-59-4-1/29
Special Features of the Structure of the Upper Part of the Ice Sheet
in Central Antarctica

ness data on various forms of the microrelief was composed; several prospecting holes 6 m deep were drilled and 12 snow samples taken from each for analysis at a laboratory in Mirnyy; snow temperatures in prospecting holes and wells up to 12 m deep were measured; up to 12 m deep holes were drilled by a hardness and sounding device to determine snow hardness profiles. The author is of the opinion that snow accumulation is effected not by snowfall but by both hoarfrost and extremely thin ice needles falling down from the transparent, cloudless sky. In addition to this, the article mentions the names of the following Soviet scientists: L.D. Dolgushin, D.G. Panov, Glacialist M.A. Kuznetsov, Magnetologist N.D. Medvedev, and A.F. Treshnikov. The depth at which the névé is converted into ice is estimated at somewhat more than 102 m.

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3(5)

SOV/10-59-4-1/29

AUTHOR: Kotlyakov, V.M.

TITLE: Special Features of the Structure of the Upper Part of the Ice Sheet in Central Antarctica

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 4, pp 3-16 (USSR)

ABSTRACT: The article is concerned with the structure of the upper part of the ice sheet in Central Antarctica. It is based on research data compiled by the II Continental Antarctic Expedition in 1957. The research work was carried out there at 2 different spots: 1) at the Vostok-1 station (glacialists P.A. Shumskiy, S.A. Yevteyev, V.M. Kotlyakov, V.A. Chernigov, and Station Head V.G. Aver'yanov) and 2) at the Kom-somol'skaya station (glacialists S.G. Vyalov, S.N. Kartashov, V.M. Kotlyakov, and I.I. Feodos'yev). The following investigations were carried out there: a minute snow surface description with density and hard-

Card 1/3

⑨ КОТЛЯКОВ, В.М.

PHASE I BOOK EXPLANATION NOV/566

Manchaya konferentsiya po problemam meteorologii Antarktiki, Moscow, 1959
Tseyly doklady (Theses of Reports at the Scientific Conference on Meteorological Problems in Antarctica, Moscow, 1959) Moscow, Gidrometizdat (Mid-type) 1959. 47 p. 1,000 copies printed.

Ed.: O.G. Krivchak; Tech. Ed.: I.M. Zarb.

PURPOSE: The publication is intended for meteorologists, particularly for those interested in the climatology of Antarctica.

COVERAGE: This book contains summaries of thirty-five reports presented at the Scientific Conference on Meteorological Problems in Antarctica, held in Moscow, October 26 to 28, 1959. The summaries are arranged in four groups: (1) general problems of the geography of Antarctica; (2) atmospheric circulation; (3) radiation balance; (4) methods of observation and measurement. No personalities are mentioned. There are no references.

PAGE VII. RADIATION BALANCE, HEAT BALANCE, CLIMATE, AND THE CONDITION OF INDIVIDUAL ELEMENTS
Kotlyakov, V.M. [Candidate of Geographical Sciences, Institut geografii AN USSR - Institute of Geography AS USSR] Formation of the Snow Cover in the Littoral Regions of Antarctica

36

Zaklyuk, E.Ya. [Candidate of Geographical Sciences, Eastern n/d G. Akademicheskoy universitet (Kosovo-Jasen State University)] Spatial and Temporal Variations in the Littoral Zone and in the High-Plateau Zone of Eastern Antarctica

37

Purkachenko, M.G. [Engineer, Soyuzmorgeyekt (All-Union Association for Design and Planning of Establishments of the Ministry of the Navy of the USSR)] Volume of Glacier Ice Dumped Into the Davis Sea

39

Belov, V.F. [Candidate of Physics and Mathematics, Tsentrallyaya aerologicheskaya observatoriya (Central Aerological Observatory)] Radiation Balance of Some Parts of the Atlantic and Indian Oceans according to Observations from the Diesel-Electric Vessel "On" in 1959

40

Zaklyuk, E.Ya. [Candidate of Geographical Sciences, Eastern n/d G. Akademicheskoy universitet (Kosovo-Jasen State University)] Approximate Determination of the Snow and Ice Thicknesses Investigated by the Soviet Antarctic Expedition (Eastern Antarctica)

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PAGE IV. METHODS OF OBSERVATIONS AND MEASUREMENTS

Kryukov, V.A. [Central Forecasting Institute] The Temperature Corrections in Computing the Geopotential of 700 mb Surface, According to Observations of Antarctic Stations

42

Shalimov, I.I. [Candidate of Physics and Mathematics, Tsentrallyaya aerologicheskaya observatoriya (Central Aerological Observatory)] Methods of Measuring Radiation Balance of the Antarctic Continent and the Soviet Antarctic Expedition (Eastern Antarctica)

43

Shalimov, I.I. [Central Aerological Observatory, 4th Soviet Continental Antarctic Expedition] Methods of Measuring the Drifting of Snow in Antarctica

44

Kozlov, G.Ye. [Junior Scientific Worker, Manchuko-Isledovatel'skiy institut vysshego opredeleniya sluzhby (Scientific Research Institute of Military Topographic Service)] Contour Determination in Antarctica by the Barometric Method

45

Krivchak, O.G. [Central Forecasting Institute] Operations for Determining Contours by Radio Altimeter During the 2nd Soviet Antarctic Expedition (1957)

46

Fagazev, V.A. [Central Forecasting Institute] Methods for Determining the Surface Contour of Antarctica During the 3rd Soviet Antarctic Expedition

47

Orlov, A.M. [Institute of Applied Geophysics, AS USSR] Determination of the Arctic Altitudes of the Antarctica Icecap

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AVAILABLE: Library of Congress (S-200-0-001)

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KOTLYAKOV, V.M.

YEVTEYEV, S.A.; KOTLYAKOV, V.M.

Snow fountains in Antarctica. Priroda 46 no.9:118 S '57.

1. Kompleksnaya Antarkticheskaya ekspeditsiya Akademii nauk SSSR (Mirnyy) (MLRA 10:8)

(Antarctic regions--Snow)

KOTLYAKOV, V.M.

Interdepartmental conference on the study of snow and snow cover.
Izv.AN SSSR,Ser.no.4:160-162 J1-Ag '56. (MIRA 9:10)
(Snow)

14-57-7-14919
Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 119 (USSR)

AUTHOR: Kotlyakov, V. M.

TITLE: Snow and Snow Cover Studies from 1950 to 1954 ;
[Literatura po snegu i snezhnomu pokrovu (1950-
1954 gg.)]

PERIODICAL: V sb: Sneg i talye vody. Ikh izucheniye i ispol'-
zovaniye, Moscow, AN SSSR, 1956, pp 251-271

ABSTRACT: This paper lists 259 studies made by Soviet authors
on the use of snow in various regions. The list
includes books, monographs published in periodicals
and collections, and newspaper articles. It is
divided into four sections. The first section con-
tains studies on the physical properties of snow, its
influence on environment, and the methods which
should be employed in studying it. This is followed

Card 1/2

KOTLYAKOV, A. O.

26171 0 planakh deval'vatsii funta sterlingov. Novoye vremya, 1949, 36, s. 27-31

SO: LETOPIS' NO. 35, 1949

KOTLUKOVA, T.V. (Moskva V-313, Leninskiy prospekt, d.88, korp. 2, kv.53)

Insufficiency of the esophago-gastric and esophago-intestinal anastomosis following radical surgery for cancer of the cardia and esophagus. Grud. khir. 5 no.5:76-80 S-O '63.

(MIRA 17:8)

1. Iz pishchevodnogo otdeleniya (zav. - prof. Yu.Ye. Berezov) Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR.

KRYMOVA, K.B.; GOLONZKO, R.R.; KOTLUKOVA, T.V.

Pleuropulmonary complications following transthoracic operations on
esophagus and cardia; Clinical X-ray observations. Grud.khir.
no.4:89-95 J1-Ag '62. (MIRA 15:10)

1. Iz otdeleniya khirurgii pishchevoda (zav. - doktor meditsinskikh
nauk Yu.Ye.Berezov) i rentgenologicheskogo otdeleniya (zav. -
dotsent M.A.Ivanitskaya) Instituta serdechno-sosudistoy khirurgii
(dir. - prof. S.A.Kolesnikov nauchnyy rukovoditel' - akad. A.N.
A.N Bakulev) AMN SSSR.

(ESOPHAGUS--SURGERY)

(STOMACH--SURGERY)

(LUNGS--DISEASES)

(PLEURA--DISEASES)

KOTLUKOVA, I.V.; AGAPOVA, N.D.

Recent find of interglacial deposits in the central part of the
Valdai Hills. Dokl. AN SSSR 135 no.4:929-932 '60. (MIRA 13:11)

1. Leningradskaya geologicheskaya ekspeditsiya Severo-Za-padnogo
geologicheskogo upravleniya. Predstavleno akademikom V.N.Sukachevym.
(L'nyanaya Valley--Geology, Stratigraphic)

KOTLUKOV, V.A.

Significance and methods for the reconstruction of the paleorelief
of the land of platform areas. Metod. paleogeog. issl. no. 1:96-108
'64. (MIRA 18:6)

SKROBOV, S.A., glav. red.; TYZHN OV, A.V., zam. glav. red.; SHABAROV, N.V., zam. glav. red.; AMMO SOV, I.I., redaktor; red.; BUR TSEV, D.N., red.; IVANOV, G.A., red.; KOROTKOV, G.V., red.; KOTLUKOV, V.A., red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., redaktor; MOLCHANOV, I.I., redaktor; NEKIPELOV, V.Ye., red.; PONOMAREV, T.N., red.; POPOV, V.S., red.; PROKHOROV, S.P., red.; YAVORSKIY, V.I., red.; LAGUTINA, V.V., red. toma; LEVENSHTeyN, M.L., red. toma; SHIROKOV, A.Z., red. toma; IZRAILEVA, G.A., red.izd-va; KROTOVA, I.Ye., red. izd-va; IVANOVA, A.G., tekhn. red.

[Geology of coal and combustible shale in the U.S.S.R.]Geologiya mestorozhdenii uglia i goriuchikh slantsev SSSR. Glav. red. I.I. Ammosov i dr. Moskva, Gosgeoltekhizdat. Vol.1.[Coal basins and deposits in the south of the European part of the U.S.S.S.;Donets Basin, Dnieper Basin, Lvov-Volyn' Basin, deposits of the western provinces of Moldavia and the Ukraine, White Russia, Transcaucasia and the Northern Caucasus] Ugol'nye basseiny i mestorozhdenia iuga Evropeiskoi chasti SSSR; Donetskii bassein, Dneprovskii bassein, L'vovsko-Volynskii bassein, mestorozhdenia zapadnykh oblastei Ukrainy i Moldavii, Belorussii, Severnogo Kavkaza i Zakavkaz'ia. 1963. 1210 p. (MIRA 17:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii komitet.

AMMOV, I.I., red.; BURTSEV, D.N., red.; GORYUNOV, S.V., red.;
 GUSEV, A.I., red.; KOROTKOV, G.V., red.; KOTLUKOV, V.A.,
 red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., red.;
 MOLCHANOV, I.I., red.; NEKIPELOV, V.Ye., red.; PONOMAREV,
 T.N., red.; POPOV, V.P., red.; PROKHOROV, S.P., red;
 SKROBOV, S.A., red.; TYZHN OV, A.V., red.; SHABAROV, N.V.,
 red.; YAVORSKIY, V.I., red.; BOBKYSHEV, A.T., red. toma;
 VINOGRADOV, B.G., red. toma; VOLKOV, K.Yu., zam. red. toma;
 LUGOVOY, G.I., zam. red. toma; OGARKOV, V.S., red. toma;
 SIMONOV, A.V., red. toma; IZRAILEVA, G.A., red. izd-va;
 IVANOVA, A.G., tekhn. red.

[Geology of coal and combustible shale deposits in the
 U.S.S.R.] Geologiya mestorozhdenii uгля i goriuchikh slant-
 tsev SSSR. Glav. red. I. I. Ammosov i dr. Moskva, Gosgeoltekh-
 izdat. Vol. 2. [Moscow Basin and other coal deposits in
 central and eastern provinces of the European part of the
 U.S.S.R.] Podmoskovnyi bassein i drugie mestorozhdenia uгля
 tsentral'nykh i vostochnykh oblastei Evropeiskoi chasti
 RSFSR. 1962. 569 p. maps. (MIRA 15:9)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany
 nedr.

(Coal geology)

ANTIPIN, V.I.; BUDANOV, N.D.; KOTLUKOV, V.A.; LEYBOSHITS, A.M.;
 PROKHOROV, S.P., kand.geol.-miner.nauk; SIRMAN, A.P.;
 FALOVSKIY, A.A.; SHTEYN, M.A.; BASKOV, Ye.A.; BOGATKOV,
 Ye.A.; GANEYEVA, M.M.; ZARUBINSKIY, Ya.I.; IL'INA, Ye.V.;
 KATSIYAYEV, S.K.; KOMPANIYETS, N.G.; NELYUBOV, L.P.;
 PONOMAREV, A.I.; REZNICHENKO, V.T.; RULEV, N.A.; TSELIGOROYA,
 A.I.; ALSTER, R.K.; SHVETSOV, P.F.; VYKHODTSEV, A.P.; KOTOVA,
 A.I.; KASHKOVSKIY, G.N.; LOSEV, F.I.; ROMANOVSKAYA, L.I.;
 PROKHOROV, S.P.; MATVEYEV, A.K., dots., retsenzent; CHIEL'TSOV,
 M.I., inzh., retsenzent; KUDASHOV, A.I., otv. red.; PETRYAKOVA,
 Ye.P., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[State of flooding and conditions for the exploitation of coal-
 bearing areas in the U.S.S.R.] Obvodnennost' i usloviia eksplu-
 atatsii mestorozhdenii ugol'nykh raionov. Pod nauchn. red.
 S.P.Prokhorova. Moskva, Gosgortekhnizdat, 1962. 243 p.

(MIRA 15:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gidro-
 geologii i inzhenernoy geologii. 2. Kafedra geologii i geo-
 khimii goryuchikh iskopayemykh Moskovskogo Gosudarstvennogo
 universiteta (for Matveyev).

(Coal geology) (Mine water)

KOTLUKOV, V. A.
YAVORSKIY, Vasilii Ivanovich; KOTLUKOV, V. A., red.; OVCHINNIKOVA, S. V., red.
izd-va; KRYNOCHKINA, D. V., tekhn. red.

[Stromatoporoidea of the Soviet Union. Part 2] Stromatoporoidea
Sovetskogo Soiuza. Leningrad, Gos. nauchno-tekhn. izd-vo lit-ry
po geol. i okhrane neдр, 1957. 164 p. (Leningrad. Vsesoiuznyi
geologicheskii institut. Trudy, vol. 18). (MLRA 10:11)
(Stromatoporoidea)

KOTLUKOV, V.A.

Prospecting methods and regularities of lower Carboniferous
coal measures in the Russian Platform. Trudy Lab.geol.ugl.
no.6:358-365 '56. (MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
(Russian Platform--Coal geology)

DANILOVSKIY, I.V.; KOTLUKOV, V.A., redaktor izdatel'stva; OVCHINNIKOVA, S.V., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiiy redaktor.

[Reference lithological and stratigraphic profile of deposits of the Scandinavian glaciation of the Russian Plain, and principal Quaternary mollusks] Opornyi litologo-stratigraficheskii razrez otlozhenii skandinavskogo oledeneniia Russkoi ravniny i rukovodiashchie chetvertichnyi molluski. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр, 1955. 201 p. (Leningrad.Vsesoiuznyi geologicheskii institut. Trudy, vol.9) (MLRA 9:11)
(Mollusks, Fossil)

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21

Coals of some of the Spitzbergen deposits. V. A. Kozhukov. *Khim. Tverdogo Topliva* 6, 105-201 (1938).

The coals from the tertiary deposits have the following characteristics: H₂O 1.30-3.41, ash 1.33-16.06, CO₂ 0.19-2.57, total S 0.87-3.63, and volatile substances 31.7-38.4%; they produce ash-free coke 48.49-63.74%. Ultimate analysis: C 81.27-86.10, H 4.75-6.83, N 0.88-1.49, S (organic) 0.64-1.49, and G 7.29-10.28%. Sp. gr. 1.35-1.55, and heating value 7174-8616 cal. Low-temp. carbonization yielded primary tar 0.1-15.4, semicoke 75.8-81.4, tar water 4.2-5.6, and gas and losses 1.6-6.9%. The chalky coals contained H₂O 1.93-2.33, ash 7.1-29.4, volatile substances 26.8-36.6 and formed coke (with ash) 61.63-70.8%. The content of C was 81.75-84.5 and H 4.11-6.1%; heating value 5671-7654 cal. The Carboniferous coal deposits contained ash 11-23, volatile substances 28-39, S 0.6-1.5, C 63.06-85%; heating value 6660-7800 cal.

A. A. Boetlingk

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KOTLUKOV, Konstantin Grigor'yevich; MOSKALEV, Vladimir Dem'yanovich;
GODINER, F.Ye., red.; SORKIN, M.Z., tekhn. red.

[Responsibilities of the population concerning civil defense
and rules of conduct under conditions of enemy attack] Obia-
zannosti naseleniia po grazhdanskoi oborone i pravila pove-
deniia v usloviakh napadeniia protivnika. Moskva, Izd-vo
DOSAAF, 1964. 45 p. (MIRA 17:2)

KOTLUKOV, K.

Activities of civil defense groups in rural areas. Voen.znan.
35 no.1:27-28 Ja '59. (MIRA 12:5)
(Civil defense)

GORBUNOV, I.P.; GLUKHOV, V.P.; KOTLUKOV, K.G.; MOSKALEV, V.D.; SIPAYLOV, Yu.A.; SMEYAN, N.K.; SHUTOV, M.I.; BYKOV, S.G., red.; KANEVSKAYA, M.D., red.; BLAZHENKOVA, G.I., tekhn.red.

[Training methods for members of civil air defense groups] Metodika podgotovki lichnogo sostava grupp samozashchity. Moskva, Izd-vo DOSAAF, 1959. 165 p. (MIRA 13:3)

1. Vsesoyuznoye dobrovol'noye obshchestvo sodeystviya armii, aviatsii i flotu.

(Air defenses)

KOTLUKOV, K. G.
KOTLUKOV, K. G.

Civil defense v. ing. Voen. znan. 33 no.12:33 D '57. (MIRA 1E:1)
(Civil defense)

KOTLUKOV, K.

KOTLUKOV, K.

"Civil defense against atomic attack." Voen. znan. 33 no.3:39-40 Mr '57.
Voen. znan. 33 no.3:39-40 Mr '57. (MIRA 10:6)
(Motion pictures in military education)

Kotlukov Konstantin Grigor'evich

GORBUNOV, Ivan Petrovich; ~~KOTLUKOV, Konstantin Grigor'evich~~; MOSKALOV,
Vladimir Dem'yanovich; KANEVSKAYA, M.D., Fed.; ANDRIANOV, B.I.,
tekhn.red.

[Civil defense groups and their training] Deistviia grupp samo-
zashchity i ikh podgotovka. Moskva, Izd-vo DOSAAF, 1957. 92 p.
(Civil defense) (MIRA 11:2)

KOTLUKOV, K., polkovnik

On the alarm signal. Voenn. znan. 41 no.10:12-13 0 '65.

(MIRA 18:10)

KOTLUKOV, K., polkovnik

Books and pamphlets for the masses! Voen. znan. 39 no.12:28
D '63. (MIRA 17:1)

KOTLUKOV, K.

Learn thoroughly. Voen. znan. 41 no.4:18 Ap '65.

(MIRA 18:3)

A. SHITS, Z., kand.voyennykh nauk, polkovnik zapasa; KOTLUKOV, K., polkovnik;
SIPAYLOV, Yu., mayor meditsinskoy sluzhby.

Publish good textbooks on civil defense. Voen. znan. 39 no.7:39
Jl '63. (MIRA 16:7)

(Civil defense---Textbooks)

KOTLUBAYEV, G., podpolkovnik

Student of the company. Voenn.VEST. 43 no.10:60-61 0 '63.
(MIRA 16:12)

SZPOR, Stanislaw; SUCHOCKI, Jerzy; KOTLOWSKI, Jan

Recording of lightning currents on high structures in the north of
Poland. Acta techn gedanensia no.2:43-54 '63.

SZPOR, Stanislaw; KOTLOWSKI, Jan; ZABOROWSKI, Bohdan

Studies on lightning and air discharge by means of a rotating camera. Pt. 2. Acta techn Gedanensia no.2:9-34 '63.

KOTLOWSKI, J.

Distr: 4E2d(a)

✓ 10.2-339

551,594,221,779
 [Sapor, S. and Kotlowski, J., Series of photographic studies on lightning and air discharges. *Acta Geophysica Polonica*, Warsaw, 6(1):18-31, 1958. 9 figs., 45 refs. DWB, DLC--Double moving-film cameras are described, with which lightning flashes and air discharges are recorded in Poland. Some photographs obtained in the northern district of Wejherowo are reproduced and discussed. Records of air discharges show either minuscule discharge branches or principal trunks. Abrupt strokes and long-duration phenomena occur. Some abrupt strokes resemble main strokes of lightning flashes. Photographs frequently reveal relations of lightning strokes to earth with precedent air discharges. A record of lightning series shows three strokes along different paths to ground, with a pause of only 0.037 s before the second stroke, and two other strokes are probable. Photographs of a multiple lightning flash represent three bright strokes and two faint components, which follow the two subsequent bright strokes after similar time intervals of 0.005 s and are associated with some discharges in an upper region of the thundercloud. The records seem to indicate a local preponderance of single lightning flashes and a frequent occurrence of total times above 1 s. Theoretical interpretations take account of the charge distributions and of the potentials along the discharge channels. Abrupt strokes of air discharges are explained as resulting from the junction of previously formed channels. A sequence of air discharges and of lightning strokes to earth is interpreted in relation with the changes in the potentials of the channel system. These changes also explain the choice of new paths to earth for subsequent strokes of a lightning series. Similar theoretical elements are used to throw some light on the problem of long total times. Subject Heading: 1. Lightning photography. Authors' abstract.]

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1-9R

1/78

OR

KOTLOWSKI, J.: SZPOR, S.

A series of photographic studies on lightning and the atmospheric discharge of electricity. p. 21. (Archiwum Elektrotechniki, Vol. 6, No. 1, 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.]; TOVARENKO, K.A.

Studying the mechanism of the loss of radiogenic argon with
the hornblende and biotite during heating. Geol. zhur. 24 no2:
52-58 '64 (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR i Kiyevskiy poli-
tekhnicheskiy institut.

BURKSER, Ye.S. [Burkser, I.E.S.]; KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.]

Determination of the total porosity of some minerals. Dop.
AN URSR no. 6:780-782 '64. (MIRA 17:9)

1. Institut geologicheskikh nauk AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR (for Burkser).

BURKSER, Ye.S. [Burkser, YE.S.]; KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.]

Determination of the absolute age of rocks based on the age of amphiboles. Dop. AN URSR no.12:1610-1613 '61. (MIRA 16:11)

1. Institut geologicheskikh nauk AN UkrSSR. 2. Chlenkorrespondent AN UkrSSR (for Burkser).

SEMENENKO, N.P. [Semenenko, M.P.]; KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.];
DEMIDENKO, S.G. [Demydenko, S.H.]

Determination of the age of metamorphic schists of the Baikal-
Sayan mountainous region in the Academy of Sciences of the
Ukrainian S.S.R. Geol.zhur. 21 no.6:56-57 '61. (MIRA 15:2)
(Sayan Mountains--Schists)
(Geological time--Schists)

USENKO, I.S.; BERNADSKAYA, L.G. [Bernads'ka, L.H.]; KOTLOVSKAYA, F.I.
[Kotlovs'ka, F.I.]

New data on the determination of the absolute age of post-Pro-
terozoic effusive rocks. Geol.shur. 18 no.5:83-88 '58.
(MIRA 12:1)

(Geological time)

(Rocks, Igneous)

BURKSER, Ye. S. [Burkser, I.E. S.]; KOTLOVSKAYA, F.I. [Kotlovs'ka, F.I.];
ZAYDIS, B.B.

Determining the absolute age of certain meteoric stones by precipitating
potassium with tetraphenyl boride. Geol. zhur. 18 no. 2:90-92 '58.
(Meteorites)

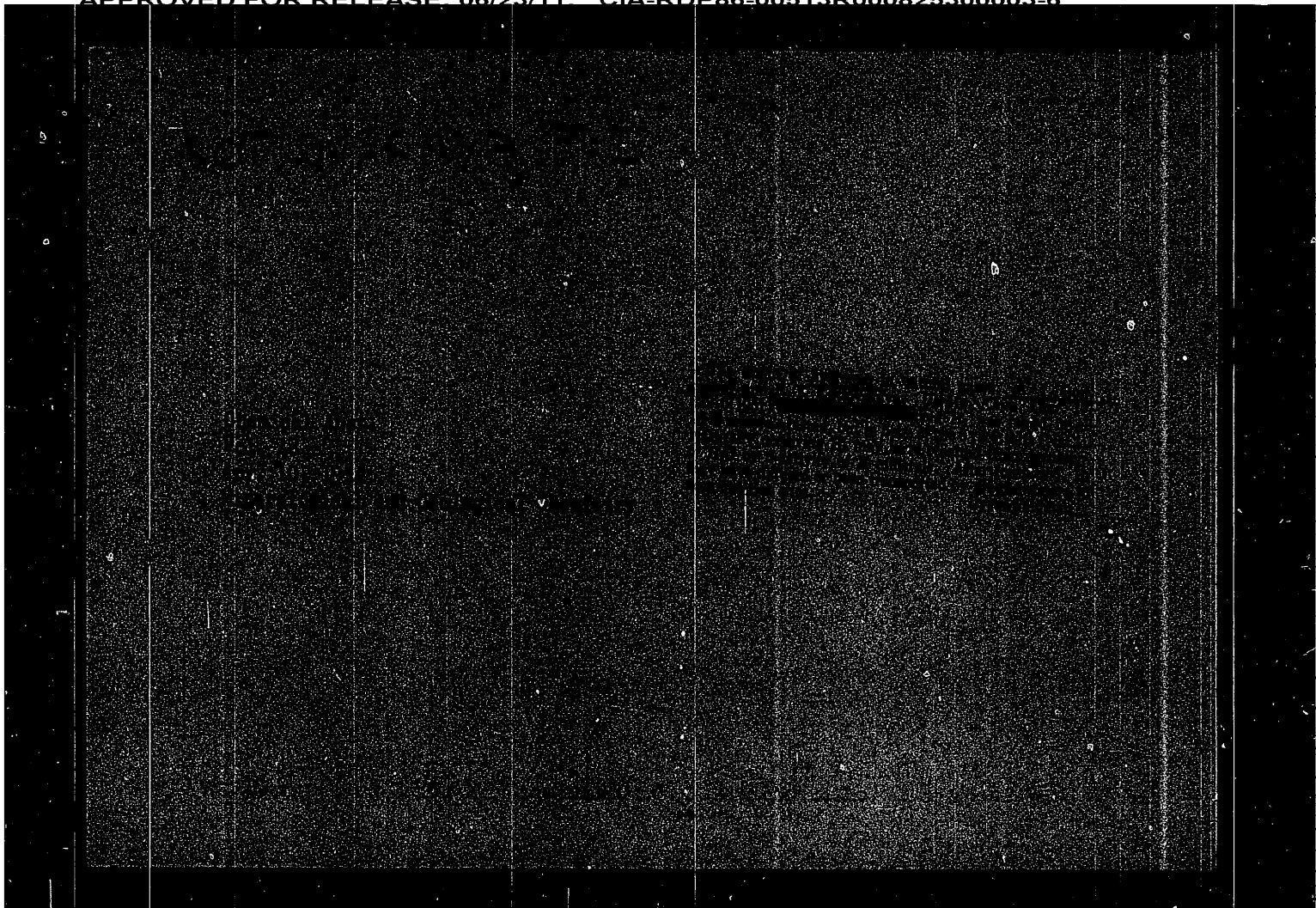
BURKSER, Ye.S.; KOTLOVS'KA, F.I.

Argon method for determining the absolute age of rocks.
Geol.zhur. 16 no.2:13-20 '56.

(MLRA 9:9)

(Radioargon dating)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300003-6



PREDTECHENSKAYA, I.A., kand. tekhn. nauk, dotsent; SAMSONOVA, A.V., inzh.;
KOTLOVAYA, Z.A., inzh.; AMUSINA, S.L., starshiy nauchnyy sotrudnik;
KUPLE, Kh.R., [Kuple, H.], tekhnolog

Use of peracetic acid in bleaching fabrics made from cotton and
polyamide fibers. Tekst. prom. 24 no.5:41-49 Ny '64
(MIRA 18:2)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni S.M. Kirova (for Prodtechenskaya, Samsonova, Kotlovaya).
2. Latviyskiy kompleksnyy nauchno-issledovatel'skiy institut (for Amusina).
3. Kombinat "Sarkana Tekstilniyetse" Latvviyskogo sojeta narodnogo khozyaystva (for Kuple).

KOTLOVICH, M.D.

Device for removing radiator sections from an overhead conveyor.
lit. proizv. no.11:39 N '64. (MIRA 1818)

GUSEVA, I.N.; KOTLOVA, Z.F.

Atlas of the Azerbaijan S.S.R. Geod. i kart. no. 9:57-63 S 164.
(MIRA 17:12)

KOTLOVA, N.V.

Baku Bay and its reconstruction. Trudy Okean. kom. 5:362-375
'59. (MIRA 13:6)
(Baku Bay--Hydrology)

PAVLOV, N.V.; TSVETKOV, A.I.; KOTLOVA, A.G.

Withdrawal of iron during interaction of trap melt with BaCl_2 .
Geol. rud. mestorozh. 6 no.6:3-14 Nov '64.

(MIRA 18:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR, Moscow.

KOTLOVA, A.G.; OL'SHENSKIY, Ya.I. [deceased]; TSVETKOV, A.I.

Characteristics of the foliation in binary silicate and
borate systems. Trudy IGEM 42:3-20 '60. (MIRA 13:7)
(Silicates) (Borates)

KOTIOVA, A.G.

Some data on the crystallization of basalt and pyroxene melts and
glasses. Trudy IGM no.30:56-87 '58. (MIRA 12:10)
(Pyroxenes) (Basalt)

15-57-4-4653D

A Study of the Crystallization Processes (Cont.)

apparently occurs at temperatures above 1000°. The linear rate of crystallization in relation to the number of diopside individuals decreases with the presence of Al_2O_3 and increases with Fe_2O_3 and FeO . The temperatures for best crystal growth are 1250° to 1300° for diopside, 1200° for alumina-bearing pyroxenes, and 1100° to 1150° for iron-bearing pyroxenes.

D. K. V.

ASSOCIATION: In-t geol. nauk AN SSSR (Institute of Geological Sciences of the AS USSR)

Card 2/2

15-57-4-4653D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 95 (USSR)

AUTHOR: Kotlova, A. G.

TITLE: ~~A Study of the Crystallization Processes in Melts and Glasses of Pyroxene Composition~~
A Study of the Crystallization Processes in Melts and Glasses of Pyroxene Composition (Izucheniye protsessov kristallizatsii rasplavov i stekol piroksenovogo sostava)
Author's abstract of his dissertation for the degree of Candidate of Geological and Mineralogical Sciences, presented to the In-t geol. nauk AN SSSR (Institute of Geological Sciences of the AS USSR), Moscow, 1955.

ABSTRACT: The author demonstrates the possibility of industrial production of monomineralic pyroxene casting (cast stone) from basalt by adding proper mixtures. The monomineralic pyroxene casting may be obtained by adding 20 percent dolomite, or about 6 percent CaO and about 4 percent MgO, to basalt. The crystallization of pyroxene glasses and melts was studied experimentally. The crystallization of glass in all cases began at the surface of a sample. The maximum rate of crystal growth

Card 1/2

GORBOVITSKAYA, R.M., uchitel'nitsa khimii; LIMONNIKOVA, A.I., uchitel'nitsa khimii; ZHIRYAKHINA, G.V., uchitel'nitsa khimii; ORLOVA, K.P., uchitel'nitsa khimii; CHERKEYEVA, P.I., uchitel'nitsa khimii; TSVETKOVA, L.T., uchitel'nitsa khimii; PLATOVA, V.M., uchitel'nitsa khimii; KOTLOV, V.N., uchitel' khimii

Our comments. Khim.v shkole 15 no.1:54-56 Ja-F '60.
(MIRA 13:5)

1. Srednyaya shkola No.626 Kirovskogo rayona Moskv (for Gorbovitskaya). 2. Srednyaya shkola No.518 Kirovskogo rayona Moskv (for Limonnikova). 3. Srednyaya shkola No.526 Kirovskogo rayona Moskv (for Zhiryakhina). 4. Srednyaya shkola No.525 Kirovskogo rayona Moskv (for Orlova). 5. Srednyaya shkola No.514 Kirovskogo rayona Moskv (for Cherkeyeva). 6. Srednyaya shkola No.528 Kirovskogo rayona Moskv (for TSvatkova). 7. Srednyaya shkola No.527 Kirovskogo rayona Moskv (for Platova). 8. Srednyaya shkola No.627 Kirovskogo rayona Moskv (for Kotlov).

(Moscow--Chemistry--Study and teaching)

USSR/Meadow Cultivation.

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Abs Jour: Ref Zhur-Diol., No 9, 1958, 39127.

Author : Kotlov, B.F.; Kommodov, V.V.

Inst : Scientific Research Institute of Agriculture of
Central Chernozem Delt.

Title : Radical Improvement of Natural Pastures on Slopes.

Orig Pub: Dyul. nauchn.-tekhn. inform. n.-i. in-ta S. kh.
TsChP, 1956, No 1, 36-37.

Abstract: The authors recommend methods and periods of soil cultivation, standards and periods of grass sowing and the mixture of grasses which give results on gray forest soils under conditions prevailing in the northern part of the Central Chernozem Delt. These recommendations are based

Card : 1/2

DEMENT'YEV, Igor' Aleksandrovich; KOTLOV, L.N., otv.red.; LAVRENT'YEVA,
Ye.V., red.; POPOVA, V.I., mladshiy red.; KOSHELEVA, S.M.,
tekhn.red.

[The Republic of Iraq] Irakskaya respublika. Moskva, Gos.izd-vo
geogr.lit-ry, 1961. 47 p. (MIRA 14:6)
(Iraq)

KOTLOV, G., inzh.; KARTSEV, V., aspirant

At the bottom of the temperature well. Tekh. mol. 31 no.6:1-2 '63.
(MIRA 16:7)

(Superconductivity)

KOTLOV, G.

Alchemy on a scientific basis. Tekh. mol. 30 no.12:6-7 '62.
(MIRA 16:1)

(Diamonds, Artificial)

KOTLOV, F.V.

Quaternary karst. Nov.kar.1 spel. no.3:40-41 '63.

Quaternary karst in some cities and industrial centers. 42-45
(MIRA 16:10)

KOTLOV, F.V., otv. red.; ZOLOTOV, P.F., red. izd-va; TIKHOMIROVA,
S.G., tekhn. red.

[Natural physical geology and engineering geology processes and phenomena] Prirodnye fiziko-geologicheskie i inzhenerno-geologicheskie protsessy i iavleniia. Moskva, 1963. 167 p. (MIRA 16:7)

1. Akademiya nauk SSSR. Laboratoriya gidrogeologicheskikh problem.

(Engineering geology)

KOTLOV, F.V., otv. red.; SAFONOV, P.V., red.izd-va; NAUMOVA, G.D.,
tekhn. red.

[Geological engineering processes and phenomena; their
significance for construction] Inzhenerno-geologicheskie
protsessy i iavleniia, ikh znachenie dlia stroitel'stva.
Moskva, Gosstroizdat, 1963. 153 p. (MIRA 16:8)

1. Akademiya stroitel'stva i arkhitektury SSSR. Laboratoriya
gidrogeologicheskikh problem.

(Engineering geology)

KOTLOV, F.V.

Effect of man's activity on the intensity of the karst process
in the Moscow region. Inform.sbor.Mezhd.kom.po izuch.geol.geogr.
kar. no.1:95-113 '60. (MIRA 15:4)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR.
(Moscow region--Karst)

KOTLOV, F.V., kand. geol.-min. nauk, otv. red.; BEZRUK, V.M., doktor geol.-miner. nauk, red.; BELYI, L.D., doktor geol.-miner. nauk, red.; BYKOVA, V.S., kand. geol.-miner. nauk, red.; GOR'KOVA, I.M., doktor geol.-miner. nauk, red.; GUREYEV, A.M., red.; YEMEL'YANOVA, Ye.P., kand. geol.-miner. nauk, red.; KOLOMENSKIY, N.V., doktor geol.-miner. nauk, prof., red.; MAKEYEV, Z.A., doktor geol.-miner. nauk, red.; POL'SHIN, D.Ye., kand. tekhn. nauk, red.; POPOV, I.V., doktor geol.-miner.-nauk, prof., red.; PRIKLONSKIY, V.A., prof., red. [deceased]; RUBINSHTEYN, A.L., doktor geol.-miner. nauk, prof., red.; SERGEYEV, Ye.M., doktor geol.-miner. nauk, prof., red.; FADEYEV, P.I., kand. geol.-miner. nauk, red.; ZOLOTOV, P.F., red. izd-va; ASTAF'YEVA, G.A., tekhn. red.

[Materials on the engineering and geological properties of rocks and methods for their study] **Inzhenerno-geologicheskie svoistva gornyykh porod i metody ikh izucheniya**; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 362 p. (MIRA 15:5)

1. Soveshchaniye po inzhenerno-geologicheskim svoistvam gornyykh porod i metodam ikh izucheniya, Moscow, 1957. 2. Chlen-korrespondent Akademii nauk SSSR (for Priklonskiy). 3. Moskovskiy gosudarstvennyy universitet (for Sergeyev). 4. Laboratoriya gidrogeologicheskikh problem Akademii nauk SSSR (for Kotlov). 5. Kafedra "Osnovaniya i fundamente" Moskovskogo instituta inzhenerov vodnogo khozyaystva (Rubinshteyn).

(Rocks)

(Engineering geology)

KOTLOV, Fedor Vasil'yevich; POPOV, I.V., prof., doktor geologo-
miner. nauk, otv. red.; STOLYAROV, A.G., red. izd-va;
UL'YANOVA, O.G., tekhn. red.

[Changes in the natural conditilns of the Moscow area under
the influence of man's activity from the point of view of
engineering geology] Izmeneniia prirodnykh uslovii territorii
Moskvy pod vliianiem deiatel'nosti cheloveka i ikh inzhenerno-
geologicheskoe znachenie. Moskva, Izd-vo Akad. nauk SSSR,
1962. 263 p. (MIRA 15:6)
(Moscow--Engineering geology)

KOTLOV, F.V.

Quaternary changes in relief as exemplified by Moscow. Vop.geog.
no.52:134-140 '61. (MIRA 14:6)
(Moscow--Physical geography)

KOTLOV, F.V.

Changes in the underground waters of Moscow due to human
activities. Trudy Lab. gidrogeol. probl. 36:41-57 61.
(MIRA 14:11)
(Moscow—Water, Underground)

KISSIN, I.G.; KULIBABA, F.V.; PAFFENGOL'TS, N.K.; POPOV, I.V., doktor geol.-
mineral.nauk; SLAVYANOV, V.N.; SOKOVICH, L.M.; PANDEYEVA, V.I.;
BOGOMOLOV, G.V., retsenzent; KOTLOV, F.V., retsenzent; PANYUKOV,
P.N., retsenzent; PRIKLONSKIY, V.A., retsenzent; SOKOLOV, N.I.,
retsenzent

[Conditions in the area of the Kursk Magnetic Anomaly from the
point of view of engineering geology and hydrogeology; data
on the development of deposits using the open-pit mining method]
Inzhenerno-geologicheskije i gidrogeologicheskij usloviia raiona
kurskoi magnitnoi anomalii. Moskva, Izd-vo Akad. nauk SSSR,
1960, 165 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh
problem. Trudy, no.28)

(Kursk Magnetic Anomaly--Mining geology)

3(4)

SOV/11-59-9-12/18

AUTHOR: Popov, I.V., Gor'kova, I.M. and Kotlov, F.V.

TITLE: In Memoriam of Viktor Aleksandrovich Priklonskiy

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 9, pp 96-98 (USSR)

ABSTRACT: This is an obituary notice on Professor V.A. Priklonskiy, Corresponding Member of the AS USSR, who died on 13 February 1959. The deceased was a specialist on hydrogeology and engineering geology. He was the director of the Laboratoriya gidrogeologicheskikh problem AN SSSR (Laboratory of Hydrogeological Problems of the AS USSR).

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KOTLOV, F.V.

Professor Ivan Vasil'evich Popov. Izv.vys.ucheb.zav.; geol.i
razv. 2 no.10:69-78 0 '59. (MIRA 13:6)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR.
(Popov, Ivan Vasil'evich, 1889-)

KOTLOV, F.V.

Engineering and geological characteristics of Jurassic clays of the Oxfordian stage in Moscow and its environs as related to the conditions of their formation. Trudy Lab. gidrogeol. probl. 15:212-282 '57.
(MIRA 12:12)

(Moscow region--Clay) (Soil mechanics)

KOTLOV, F.V.

Quaternary carbonate rocks in Moscow: their genesis, formation, and
characteristics from the viewpoint of engineering geology.
Trudy Lab. gidrogeol.probl. 14:24-28 '57. (MIRA 11:5)
(Moscow--Carbonates (Mineralogy))

TROYANOVSKIY, Sergey Vasil'yevich; BELITSKIY, Aron Samoylovich; CHEKIN,
Arkadiy Ivanovich; BINDEMAN, N.N., otvetstvennyy redaktor: KOTLOV,
F.V. otvetstvennyy redaktor; SLAVOROSOV, A.Kh., redaktor izdatel'-
stva; ZAZUL'SKAYA, V.F., tekhnicheskiy redaktor

[Hydrogeology and drainage of mining areas] Gidrogeologiya i osushenie
mestorozhdenii poleznykh iskopaemykh. Moskva, Ugletekhizdat, 1956.
306 p. (MIRA 10:1)

(Mine drainage) (Water, Underground)

PANYUKOV, Pante'leymon Nikolayevich; KOTLOV, F.Y., otvetstvennyy redaktor;
SLAVOROSOV, A.Kh, redaktor izdatel'stva; NADWINSKAYA, A.A., tekhnicheskii redaktor

[short course in engineering geology] Kratkii kurs inzhenernoi
geologii. Moskva, Ugletekhizdat, 1956. 156 p. (MLRA 9:12)
(Engineering geology)

KOTLOV, F.V., redaktor; MAKKAVEYEVA, A.A., redaktor.

[Problems of hydrogeology and engineering geology] Voprosy gidrogeologii i inzhenernoi geologii. Sostavleno kolektivom avtorov. Pod red. F.V.Kotlova i A.A.Makkaveeva. Moskva, Gos. izd-vo geol. lit-ry, 1953. 138 p. (MLRA 7:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoi geologii. (Soil mechanics)
(Water, Underground)

KOTLOV, A.I.

The best interdistrict veterinary bacteriological laboratory in the
Saratov Province. Veterinariia 31 no.3:30-33 Mr '54. (MLRA 7:2)

1. Starshiy veterinarnyy vrach Upravleniya sel'skokhozyaystvennoy
propagandy Saratovskogo oblastnogo upravleniya sel'skogo khozyaystva.

KOTLORZ, Jozef

The Polish coking industry. Koks 7 no.5:173-175 S-0 '62.

1. Zjednoczenie Hutnictwa Zelaza i Stali, Katowice.

KOTLORZ, Jozef

Coke industry in the 20-year period of the Polish People's Republic. Koks 9 no. 3:73-77 Wj-Je '64.

1. Association of Iron and Steel Metallurgy, Katowice.

KOTLORZ, J., mgr.inz.

Development of the coke industry in Poland. Przegl techn no.19:
1,3 13 My '62.